

1. JP,10-081008,A  
(1998)
2. JP,2000-043243,A

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# PATENT ABSTRACTS OF JAPAN

(11)Publication number : **10-081008**

(43)Date of publication of application : **31.03.1998**

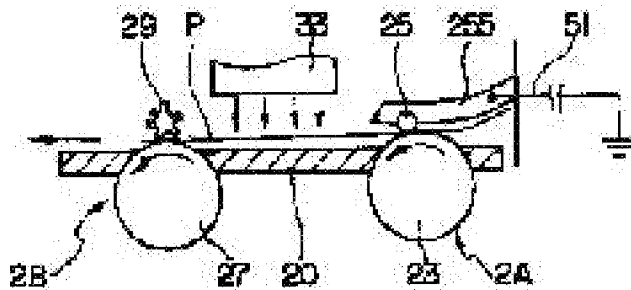
(51)Int.Cl.	<b>B41J</b>	<b>2/01</b>
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(21)Application number :	<b>08-239004</b> (71) Applicant :	<b>FUJI XEROX CO LTD</b>
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(22)Date of filing : **10.09.1996** (72)Inventor : **KAKUMORI  
YUTAKA**

**(54) INK JET RECORDING DEVICE**

(57)Abstract:  
PROBLEM TO BE  
SOLVED: To  
efficiently eliminate  
static electricity from  
a charged recording  
paper while being  
transported prior to  
the execution of  
recording by a  
recording head.  
SOLUTION: A  
pinch roll 25 to be  
brought into pressure



contact with a  
transfer roll 23,  
which is arranged on  
the upstream side of  
an ink jetting part 33  
of a recording head,  
and a retainer 255

for retaining the pinch roll 25 made of an electrically conductive material, are electrically grounded through a frame. A charged recording paper P is transferred in such a way that it is pinched between the transfer roll 23 and the electrically conductive pinch roll 25 which hangs on the transport roll 23, and consequently, is destaticized. Since a relatively low potential state is generated under the ink jet part 33 of the recording head, fly of jetted ink becomes stable, resulting in the prevention of a print disorder on a recording medium from occurring.